

# 2<sup>nd</sup> International Workshop on Barley Leaf Diseases

## Workshop Sessions and Program

### Day 1 (5 April, 2017)

#### Registration & Field Visit

Date	Item	Venue	Time
05-Apr 17	Registration	IAV Hassan-II, Rabat	8.30-9.00
	Field visit	ICARDA Station Marchouch and farmers' fields	9.00-17.00
	Poster set up	IAV Hassan-II, Rabat	17:30-20:00

### Day 2 (6 April, 2017)

#### Opening Session

Time: 9.00-10.30

Date	Item	Speakers	Time
06-Apr 17	Opening remarks	M. Baum (LOC Chair)	9.00-9.10
	Welcome address	Brian Steffenson (IOC Chair)	9.10-9.20
	Remarks by Director, IAV Hassan-II	Wafae Fassi Fihri	9.20-9.30
	Address by Director, Dryland Cereals	Shoba Sivasankar	9.30-9.40
	Address DDG (R), ICARDA	Andrew Noble	9.40-9.50
	Chief guest	DG, INRA Morocco	9.50-10:00
	Vote of thanks	Organizing Secretary	10.00-10.05
Coffee Break			10.05- 10.30

#### Session I: Genetics of Disease Resistance

Chair: Michele Stanca

Time: 10.30-13.30

Date	Title	Speakers	Time
06-Apr 17	<b>Keynote Address:</b> The genetic basis of resistance to <i>Rhynchosporium commune</i> in a UK spring barley cultivar collection	Mark Looseley <a href="mailto:mark.looseley@hutton.ac.uk">mark.looseley@hutton.ac.uk</a>	10.30-11.10
	Identification of QTL for resistance to <i>Pyrenophora teres</i> f. <i>teres</i> and <i>Cochliobolus sativus</i> in Barley employing Genome Wide Association Studies	Fluture Novakazi <a href="mailto:fluture.novakazi@julius-kuehn.de">fluture.novakazi@julius-kuehn.de</a>	11.10-11.30
	Genome-wide association study of stripe rust ( <i>Puccinia striiformis</i> f.sp. <i>hordei</i> ) resistance in a world collection of barley ( <i>Hordeum vulgare</i> L.)	Ramesh Verma <a href="mailto:r.verma@cgiar.org">r.verma@cgiar.org</a>	11.30-11.50
	Towards positional cloning of leaf rust resistance gene RphMBR102 in barley	Frank Ordon <a href="mailto:frank.ordon@julius-kuehn.de">frank.ordon@julius-kuehn.de</a>	11.50-12.10

<b>Lunch Break</b>	<b>12.10-13.30</b>
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### Session II: Evaluation and breeding for disease resistance

**Chair: Ramesh Verma**

**Time: 13.30-16.00**

Date	Title	Speakers	Time
06-Apr 17	<b>Keynote Address:</b> Diversity for resistance to <i>Pyrenophora graminea</i> in a European spring barley cultivar collection and association mapping of the involved genes	Alessandro Tondelli <a href="mailto:alessandro.tondelli@crea.gov.it">alessandro.tondelli@crea.gov.it</a>	13.30-14.10
	Resistance of Jordanian and Syrian landraces against barley leaf spot diseases	Marja Jalli <a href="mailto:marja.jalli@luke.fi">marja.jalli@luke.fi</a>	14.10-14.30
	Evaluation of ICARDA barley germplasm for resistance to spot blotch ( <i>Bipolaris sorokiniana</i> ) in India	S.S. Vaish <a href="mailto:shyam_saran@rediffmail.com">shyam_saran@rediffmail.com</a>	14.30-14.50
	Alternative hosts of yellow dwarf viruses (YDVs) and sources of resistance in barley in Ethiopia	Safaa Kumari <a href="mailto:s.kumari@cgiar.org">s.kumari@cgiar.org</a>	14.50-15.10
<b>Coffee Break &amp; Posters View</b>			15.10-16.00

### Session III: Molecular plant-pathogen interactions

**Chair: Michael Baum**

**Time: 16.00-18.30**

Date	Title	Speakers	Time
06-Apr 17	<b>Keynote Address:</b> The role of <i>Rhynchosporium commune</i> effectors in the interaction with barley	Anna Avrova <a href="mailto:anna.avrova@hutton.ac.uk">anna.avrova@hutton.ac.uk</a>	16.00-16.40
	The mystery of barley spot blotch disease caused by <i>Bipolaris sorokiniana</i>	Michael Lyngkjær <a href="mailto:mlyn@plen.ku.dk">mlyn@plen.ku.dk</a>	16.40-17.00
	The genetics of virulence in the <i>Pyrenophora teres f. teres</i> population BB25 × FGOH04Ptt-21	Tim Friesen <a href="mailto:Timothy.Friesen@ars.usda.gov">Timothy.Friesen@ars.usda.gov</a>	17.00-17.20
<b>Poster Session</b>			17.20-18.30

## Day 3 (7 April, 2017)

### Session IV: Structural and functional genomics of barley leaf pathogens

**Chair: Brian Steffenson**

**Time: 9.00-11.30**

Date	Title	Speakers	Time
07-Apr 17	<b>Keynote Address:</b> Sequencing of 19 isolates of the fungus <i>Ramularia collocygni</i> from multiple origins for improved understanding of the biology using a population genetic approach	Michael Hess <a href="mailto:m.hess@tum.de">m.hess@tum.de</a>	9.00- 9.40
	<i>Pyrenophora teres</i> genome plasticity	Simon Ellwood	9.40-10.10

		<a href="mailto:srellwood@gmail.com">srellwood@gmail.com</a>	
	Flash-N-Dash	Five minute each presentations	10.10-11.00
<b>Poster Session &amp; Coffee Break</b>			11.00 -11.30

### Session V: Epidemiology and integrated management of barley leaf diseases

**Chair: Brahim El Yousfi**

**Time: 11.30-14.00**

Date	Title	Speakers	Time
07-Apr 17	<b>Keynote Address:</b> Advances in the integrated management of leaf blotches in Uruguay	Silvia Pereyra <a href="mailto:spereyra@inia.org.uy">spereyra@inia.org.uy</a>	11.30-12.10
	Occurrence of barley leaf disease and control strategies in Denmark	Thies Marten Heick <a href="mailto:thiesm.heick@agro.au.dk">thiesm.heick@agro.au.dk</a>	12.10-12.30
	Sensitivity of <i>Pyrenophora teres</i> isolates to propiconazole and pyraclostrobin in the Canadian prairies	Kelly Turkington <a href="mailto:kelly.turkington@agr.gc.ca">kelly.turkington@agr.gc.ca</a>	12.30-12.50
<b>Poster session &amp; Lunch Break</b>			<b>12.50-14.00</b>

### Session VI: Evolution and variation in pathogen populations

**Chair: Adrian Newton**

**Time: 14.00-17.30**

Date	Title	Speakers	Time
06-Apr 17	<b>Keynote Address:</b> Diversity in NFNB in South Australia and the detection of durable resistance	Hugh Wallwork <a href="mailto:Hugh.Wallwork@sa.gov.au">Hugh.Wallwork@sa.gov.au</a>	14.00-14.40
	Genetic diversity of <i>Pyrenophora teres f. teres</i> in Tunisia using pathotype and AFLP markers	Aida Bouajila <a href="mailto:aida.bouajila1@gmail.com">aida.bouajila1@gmail.com</a>	14.40-15.10
	Development of a set of differential barley genotypes and analysis of virulence diversity in the population of <i>Bipolaris sorokiniana</i> in China	Ruiming Lin <a href="mailto:linruim@hotmail.com">linruim@hotmail.com</a>	15.10-15.30
	Evidence of <i>Pyrenophora teres f. teres</i> adaptation to barley cultivars with different levels of resistance	Brahim El Yousfi	15.30-15.50
<b>Coffee Break and Poster Session</b>			<b>15:50-17:00</b>

<b>2<sup>nd</sup> IWBLD - ISC Business Meeting</b>			<b>16.00-17.00</b>
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### Plenary Session

**Chair: Brian Steffenson**

**Time: 17.00-18.00**

Date	Title	Speakers	Time
07-Apr 17	Venue for 3 <sup>rd</sup> IWBLD	All concerned (proposal submission by interested institutions)	17.00-17.15
	Experiences with 2 <sup>nd</sup> IWBLD & Concluding Remarks	Brian Steffenson (ISC Chair)	17.15-17.45

	Vote of thanks	M. Baum (LOC Chair)	17.45-18.00
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